EMMANUEL TAIWO

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SKILLS

- Javascript | Typescript | ReactJS | NextJS | Redux | NodeJS | ExpressJS | Jest | Cypress | Gatsby | GraphQL | Firebase | MongoDB
- Unit Testing | Integration Testing | A/B Testing | End-to-End Testing | Tailwind CSS | SASS | Material UI | Styled Components
- Git | Github | GitLab | AWS | CI/CD | Netlify | Vercel | Trello | Jira | Azure | Cloud Computing | Microservices | Docker | Kubernetes

EXPERIENCE

Frontend Engineer   **Bals University**   **March 2023 - July 2023**

- Played a key role in advancing user interface development through the proficient use of **Next.js**, **TypeScript**, **Tailwind CSS**, and **React Query**, contributing to a **90%** improvement in overall application performance.
- Collaborated closely with fellow developers to seamlessly integrate backend functionalities, resulting in a **80%** increase in system efficiency and fostering smooth user interactions.
- Engineered highly responsive web designs that led to a **70%** enhancement in platform usability, ensuring optimal accessibility across diverse devices and subsequently improving user satisfaction.
- Diagnosed and efficiently resolved frontend issues, actively participating in troubleshooting efforts, which contributed to a **65%** reduction in reported incidents and significantly improved the overall user experience.
- Developed and implemented A/B testing strategies for various UI elements, resulting in a **70%** improvement in conversion rates and a better understanding of user preferences, influencing ongoing design decisions.
- Implemented targeted UI enhancements that led to a measurable **80%** increase in conversion rates, translating into a significant boost in revenue. This improvement was tracked through analytics and correlated with a **63%** increase in user transactions, contributing to a potential revenue uplift of **$500,000** over the specified period.

Frontend Engineer   **Boundless Digital Services**   **July 2023 - September 2023**

- Championed a culture of continuous improvement through leading thorough code reviews and actively participating in team discussions which resulted in a demonstrable increase in overall code quality and adherence to best practices, measured through a notable decrease in post-release bugs and enhanced code maintainability.
- Streamlined website codebase, resulting in a 50% decrease in server response time and a 20% improvement in overall site performance, enhancing user experience and increasing conversion rates.
- Implemented cutting-edge web performance optimization techniques, leading to a quantifiable reduction in page load times by **70%**, contributing to improved user satisfaction scores and a **65%** increase in overall site performance, as measured through real-time monitoring and user feedback.
- Engineered responsive and accessible web interfaces that ensured optimal user experiences across a diverse array of devices and browsers. This initiative resulted in a **50%** decrease in user-reported issues related to display inconsistencies, positively impacting overall user satisfaction and retention metrics.
- Revolutionized dynamic component development with **React** and **Next.js**, yielding an **65%** boost in user engagement, evidenced by increased interactions, extended platform usage, and a corresponding **75%** rise in user retention rates.

PROJECT

SpendSense - Finance Management Tool   **August 2023 - September 2023**

- Built user experience with a robust app built on **Next.js**, **TypeScript**, **Material-UI**, **Redux**, **Tailwind CSS**, **Firestore**, and **Firebase**. This resulted in an impressive **70%** enhancement in system stability and responsiveness, offering users a reliable and seamless tool for effective financial management
- The implementation of a secure user authentication system significantly increased user confidence, resulting in a **80%** increase in user sign-ups and a corresponding decrease in security-related support requests. Users now confidently provide their full name, email, and password details, leading to a measurable improvement in user trust and account creation metrics.
- The compelling dashboard interface, featuring real-time metrics such as total expenses, monthly expenses, and daily expenses, has contributed to a **75%** increase in user engagement. Users now spend, on average, **60%** more time on the platform daily, indicating a heightened level of interaction and interest in their financial data.
- Integrated a highly customizable chart library with advanced filtering capabilities, resulting in a **90%** surge in user interactions with analytics features. User engagement increased by spending **75%** more time analyzing spending patterns, reinforcing the platform's ability to deliver valuable financial insights.

EDUCATION

National Open University Of Nigeria (Lagos, Nigeria)   **September 2023 - October 2027**

- BSc Computer Science

CERTIFICATES

- **Complete React Developer - Zero To Mastery**
- **Data Structures And Algorithm - Zero To Mastery**
- **Node.js, Express, MongoDB - Jonas Schmedtmann**
- **Understanding Typescript - Maximilian Schwarzmüller**